

PHYSIOLOGICAL SUPPORT DEBRIEFING

25X1A

DATE 28 Oct 67 ACFT 131 PILOT [REDACTED]
 TIME IN FLIGHT 4:00 TIME IN SUIT 5:08 PREBREATHING TIME 1:00

SATISFACTORY

UNSATISFACTORY

1. PHYSICAL CONDITION (PILOT)

2. SURVIVAL KIT AND CUSHION #54 S/B3. PARACHUTE S/N 1394. HELMET - 4

A. REFLECTIONS

B. FACE HEAT

C. COMMUNICATIONS

5. SUIT PROPER - 3A. CABIN DECOMPRESSION: YES (NO)6. OUTER GARMENT - 37. BOOTS AND SPURS 2 Q.D. type8. GLOVES - 2

9. OXYGEN SYSTEM

DEPART		RETURN	
TIME	AMT	TIME	AMT
#1	<u>1047 9.25</u>	<u>1528</u>	<u>9.0</u>
#2	<u>1047 9.25</u>	<u>1528</u>	<u>8.75</u>

10. MISCELLANEOUS

11. EVALUATION ITEMS

A.

B.

C.

D.

E.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

PRIMARY

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1054
 SUIT # - 3
 OUTER GARMENT W/FLOAT GEAR - 3
 HELMET # - 4
 GLOVES # - 2
 BOOTS - 2

FLIGHT DATE 28 Oct 67
 DON 1030
 DOFF 1535
 TIME IN SUIT
 TECHNICIAN [REDACTED]

<u>PRESS-TO-TEST</u>	<u>PRE-FLIGHT</u>	<u>SUBJECT TEST</u>	<u>POSTFLIGHT</u> 25X1A
<u>SYSTEM #1</u>			
Max Pressure	<u>118</u>	<u>118</u>	<u>106</u>
Differential	<u>1.1</u>	<u>1.4</u>	<u>1.1</u>
Leak Rate	<u>1150</u>	<u>450</u>	<u>1200</u>
<u>SYSTEM #2</u>			
Max Pressure	<u>112</u>	<u>120</u>	<u>108</u>
Differential	<u>1.1</u>	<u>1.4</u>	<u>1.1</u>
Leak Rate	<u>1050</u>	<u>450</u>	<u>1250</u>
Unpress Leak Rate	<u>450</u>	<u>500</u>	<u>450</u>
Face Heat	<u>190kms</u>		
Commo and Cord	<u>OK</u>		
Pencils	<u>✓</u>		
Knife	<u>✓</u>		
Controller Number	<u>76</u>		
Packet	<u>✓</u>		
Grease Zippers	<u>✓</u>		
Check Location of CO ₂	<u>✓</u>		
Pressure Tap Screws			

PRESSURE SUIT HOOK-UP CHECKLIST

1. ☒ Packet in pocket.
2. ☒ Stirrups secured.
3. ☒ Foot rest guards over seat foot rests.
4. ☒ Communications secured and functioning.
5. ☒ Face heat ON (LOW).
6. ☒ Oxygen hoses secured in QD.
7. ☒ Three harness snaps secured - harness adjusted and surplus stowed.
8. ☒ Kit adjusted and surplus stowed.
9. ☒ Two (2) bailout hoses secured.
10. ☒ Lap belt, shoulder harness, key, secured and adjusted.
11. ☒ Oxygen hoses under right leg strap, chest strap under helmet hold-down.
12. ☒ Emergency oxygen lanyard secured and pin removed.
13. ☒ Green apple secured.
14. ☒ Red knob secured.
15. ☒ Manual over-ride handle secured.
16. ☒ Two (2) Rocket-Jet releases secured.
17. ☒ Press-to-test both O₂ Systems, (LOW pressure-#1 Sys 65/70 #2 Sys 95/100).
18. ☒ Check face heat.
19. ☒ Re-adjust lap belt.
20. ☒ Kit lanyard secured to D-ring.
21. ☒ Parachute beacon; AUTOMATIC(), UNSNAPPED(), SNAPPED(☒).
22. ☒ Departing LOX quantity, #1 System 9.25 #2 System 9.25 TIME 10471.
23. ☒ Returning LOX quantity, #1 System 9.0 #2 System 8.75 TIME 1528.

SUBJECT 1054 AIRCRAFT NUMBER 131
 TECHNICIAN [REDACTED] DATE OF FLIGHT 28 Oct 67

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Pack opening elastics secured.
- ✓ 3. First stage jettison mated and pins secured.
- ✓ 4. Two (2) rocket jet units secured.
- ✓ 5. Manual over ride handle secured.
- ✓ 6. Green apple secured.
- ✓ 7. Red knob secured.
- ✓ 8. Bailout hoses adjusted for pressure suit.
- ✓ 9. Bailout hose connectors operating.
- ✓ 10. Harness adjusted for HIGH flight.
- ✓ 11. Automatic openers - triggered and reset.
- ✓ 12. Aneroids 1400' to 7500'.
- ✓ 13. Bailout cylinder pins secured.
- ✓ 14. Bailout cylinder pressure #1 1800 #2 1800.
- ✓ 15. Communication cord secured to chute.
- ✓ 16. Visual inspection completed.

SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

L-P-#4
5.H-#7

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied.
- ✓ 7. Oxygen system low pressure #1 60/70 #2 60/70.
- ✓ 8. Pip pin in "D" ring.
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10. Foot rest guards over seat foot rest.

SUBJECT 1054 AIRCRAFT NUMBER 131

TECHNICIAN [REDACTED] DATE OF FLIGHT 2800767

SEAT KIT NUMBER 54 PARACHUTE NUMBER 139

TYPE CUSHION 51B VENT HOSE NUMBER 76

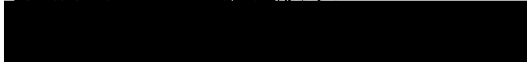
25X1A

BACK

Ground Abort

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1055
SUIT # - 2
OUTER GARMENT W/FLOAT GEAR - 2
HELMET # - 2
GLOVES # - 1
BOOTS - 2

FLIGHT DATE 28 Oct 69
DON _____
DOFF _____ 25X1A
TIME IN SUIT _____
TECHNICIAN 

<u>PRESS-TO-TEST</u>	<u>PRE-FLIGHT</u>	<u>SUBJECT TEST</u>	<u>POSTFLIGHT</u>
<u>SYSTEM #1</u>			
Max Pressure	<u>105</u>	<u>105</u>	<u>104</u>
Differential	<u>1.1</u>	<u>1.5</u>	<u>1.2</u>
Leak Rate	<u>950</u>	<u>800</u>	<u>1100</u>
<u>SYSTEM #2</u>			
Max Pressure	<u>106</u>	<u>116</u>	<u>112</u>
Differential	<u>1.1</u>	<u>1.5</u>	<u>1.2</u>
Leak Rate	<u>1000</u>	<u>1000</u>	<u>1200</u>
Unpress Leak Rate	<u>300</u>	<u>500</u>	<u>300</u>
Face Heat	<u>18.5</u>	_____	_____
Commo and Cord	<u>✓</u>	_____	_____
Pencils	<u>✓</u>	_____	_____
Knife	<u>✓</u>	_____	_____
Controller Number	<u>33</u>	_____	_____
Packet	<u>✓</u>	_____	_____
Grease Zippers	<u>✓</u>	_____	_____
Check Location of CO ₂	<u>✓</u>	_____	_____
Pressure Tap Screws	_____	_____	_____

PRESSURE SUIT HOOK-UP CHECKLIST

1. ✓ Packet in pocket.
2. ✓ Stirrups secured.
3. ✓ Foot rest guards over seat foot rests.
4. ✓ Communications secured and functioning.
5. ✓ Face heat ON (LOW).
6. ✓ Oxygen hoses secured in QD.
7. ✓ Three harness snaps secured - harness adjusted and surplus stowed.
8. ✓ Kit adjusted and surplus stowed.
9. ✓ Two (2) bailout hoses secured.
10. ✓ Lap belt, shoulder harness, key, secured and adjusted.
11. ✓ Oxygen hoses under right leg strap, chest strap under helmet hold-down.
12. ✓ Emergency oxygen lanyard secured and pin removed.
13. ✓ Green apple secured.
14. ✓ Red knob secured.
15. ✓ Manual over-ride handle secured.
16. ✓ Two (2) Rocket-Jet releases secured.
17. ✓ Press-to-test both O₂ Systems, (LOW pressure-#1 Sys 65/75 #2 Sys 65/75).
18. ✓ Check face heat.
19. ✓ Re-adjust lap belt.
20. ✓ Kit lanyard secured to D-ring.
21. ✓ Parachute beacon; AUTOMATIC(), UNSNAPPED(), SNAPPED(✓).
22. ✓ Departing LOX quantity, #1 System 9.5 #2 System 9.5 TIME 1150L.
23. Returning LOX quantity, #1 System _____ #2 System _____ TIME _____.

25X1A

SUBJECT 1055 AIRCRAFT NUMBER 127
 TECHNICIAN [REDACTED] DATE OF FLIGHT 28 Oct 67

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Pack opening elastics secured.
- ✓ 3. First stage jettison mated and pins secured.
- ✓ 4. Two (2) rocket jet units secured.
- ✓ 5. Manual over ride handle secured.
- ✓ 6. Green apple secured.
- ✓ 7. Red knob secured.
- ✓ 8. Bailout hoses adjusted for pressure suit.
- ✓ 9. Bailout hose connectors operating.
- ✓ 10. Harness adjusted for HIGH flight.
- ✓ 11. Automatic openers - triggered and reset.
- ✓ 12. Aneroids 1400' to 7500'.
- ✓ 13. Bailout cylinder pins secured.
- ✓ 14. Bailout cylinder pressure #1 1800 #2 1800.
- ✓ 15. Communication cord secured to chute.
- ✓ 16. Visual inspection completed.

SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

L.P. #3
S.H. #5

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied.
- ✓ 7. Oxygen system low pressure #1 60/70 #2 70/75.
- ✓ 8. Pin pin in "D" ring.
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10. Foot rest guards over seat foot rest.

SUBJECT 1055 AIRCRAFT NUMBER 127

TECHNICIAN [REDACTED] DATE OF FLIGHT 28 Oct 67

SEAT KIT NUMBER 55 PARACHUTE NUMBER 102

TYPE CUSHION 51B VENT HOSE NUMBER 60

*** TOP SECRET ***

BX 6732

DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS: 1130-1200
DESIGNATE LIFE SUPPORT TECHNICIANS:

H-23:30: ATTEND COMMANDERS BRIEFING: 1200

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SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL
SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL
H-22:00 TO H-17:00: PREFLIGHT: 1330-1830BOTH SUITS (EA PILOT)
PARACHUTE AND EMERGENCY O2 SYSTEMS
SEAT KIT COMPONENTS
SUIT ROOM VENT
LOX VENT UNIT
OXYGEN CYLINDERS
TEST EQUIPMENT
TRANSPORT VANS
H-21:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING: 1430H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT: 0830-0950
H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF 0930
PRIMARY AND SPARE PILOTS AND AIRCRAFT:

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INSTALL SEAT KIT AND PARACHUTE: P.....
S.....H-2:00: RECEIVE PACKET FROM INTELLIGENCE 0930
H-1:45 TO H-1:30: SECURITY INSPECTS SUITS 0945-1000
H-1:20 TO H-1:10: FLIGHT SURGEONS MEDICAL IN DCOL 1010-1020
H-1:10 TO H-1:00: DRESS PILOT, PRESSURE CHECK EQUIPMENT: 1020-1030
H-0:50 TO H-0:45: TRANSPORT TO AIRCRAFT: 1040-1045
*H-0:45 TO H-0:35: PILOT HOOKUP AND SUIT A/C CHECK 1045-1055
H-0:35 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT: 1055-
LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:
DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:
POST-FLIGHT EQUIPMENT:
* * * TOP SECRET * * *1045-1100
1110-1120
1120-1130
1140-1145
1145-1155
1155-

6732

MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION

H-HOUR TIME PRIMARY	LOCAL TIME PRIMARY	H-HOUR TIME SPARE	LOCAL TIME SPARE	ITEM	LOCATION
H -22:30	<u>1300</u>			Pre-Mission Physical Exam	Flt Surg
H -21:30	<u>1400</u>			Eating	A/C Mess
H -20:30	<u>1500</u>			Recreation activities as scheduled	Selected Area
H -18:00	<u>1730</u>			Intelligence Review	DCOMI
H -17:00	<u>1830</u>			Initial Brief & Recreation	DCO Brief Rm
H -14:00	<u>2130</u>			Eating	A/C Mess
H -13:00	<u>2230</u>			Crew Rest	Asgd House
H -4:00	<u>0730</u>			Wake/up Psychological Ck	Asgd House/ Crew Mess
H -3:30	<u>✓0800</u>			Final Briefing	DCO Brief Rm
H -2:30	<u>✓0900</u>			Breakfast	A/C Mess
H -1:20	<u>✓1010</u>	H -1:20	<u>1010</u>	Final Physical Evaluation	DCOL
H -1:10	<u>1020</u>	H -1:10	<u>1120</u>	Suiting	DCOL
H -1:50	<u>1040</u>	H +1:10	<u>1140</u>	Leave Ops	Transport Van
H -1:45	<u>1045</u>	H +1:15	<u>1145</u>	Arrive Aircraft	Hangar
H -1:30	<u>1100</u>	H +1:30	<u>1200</u>	Start Engine	Hangar
H -1:20	<u>1110</u>	H +1:40	<u>1210</u>	Taxi	Aircraft
H -1:05	<u>1125</u>	H +1:55	<u>1225</u>	Trim Engine	Aircraft
H -1:00	<u>1130</u>	H +1:00	<u>1230</u>	Take Off	Aircraft
H +1:25				Post Mission Physical	DCOL
H +1:45				Cps Debrief	DCO Brief Rm
H +1:00				Mission Debrief	DCO Brief Rm
H +3:30				Released	

PILOT

A/C

HANGER

T/O

131

1

1130

1230

127

3

1830

0800

25X1A

DCOL

Approved For Release 2001/04/02 : CIA-RDP69B00041R001100010003-3

FROM: DCOL [REDACTED] (49216)

27 Oct 67

25X1A

SUBJECT: Recovery Personnel for Mission BX 6732

TO: DCO

[REDACTED]
25X1A

[REDACTED]
25X1A

DCOL

Approved For Release 2001/04/02 : CIA-RDP69B00041R001100010003-3

EXTRA

Approved For Release 2001/04/02 : CIA-RDP69B00041R001100010003-3

FROM: DCOL [REDACTED]
SUBJECT: Access Roster for Mission BX 6732
TO: Mission Coordinator

27 Oct 67

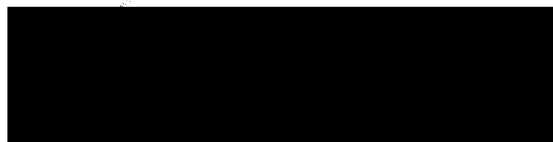
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25X1A



CP	Hangar/Cockpit	DCOL
X	X	X
	X	X
	X	X
	X	X
	X	X
	X	X

25X1A



DCOL

Approved For Release 2001/04/02 : CIA-RDP69B00041R001100010003-3

DCOL

FROM: DCOL [REDACTED]
SUBJECT: Access Roster for Mission BX 6732
TO: Mission Coordinator

27 Oct 67 25X1A

25X1A

CP	Hangar/Cockpit	DCOL
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X	X	X
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	X	X
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	X	X
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	X	X
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	X	X
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25X1A

	X	X
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DCOL

TOP SECRET

FROM: Mission Coordinator

27 Oct 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held in the Operations Briefing Room on 27 OCTOBER 1967 at 1200 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6732
2. Date/Time of Launch (H-Hour): 28 / 0230 Z / 1130 L.
3. Ground Spare (H+1:00): 28 / 0330 Z / 1230 L.
4. Bases: Takeoff KADENA Staging , Landing KADENA.
5. Equipment required: TYPE I CAMERA

25X1D

25X1D

6. Ground Spare Requirements: SAME AS PRIMARY

7. Special Instructions/Comments: A-50 ADDITIVE

25X1A

WILL NOT BE USED

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR			DCOL		
DCO			DCOC/MC		
DCM			DCOMI		
DCS			DCOW		
SECUR			COMMO		
FLT SURG			AFCS		(Notify Only)
DCOM			TTEC(SAC)		(Notify Only)

TOP SECRET